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Bulletins 272-284 OK 4/10/42

#280 - 45th Ann. Rpt. - 1933
#284 - 46th Ann. Rpt. - 1934
} OK - RBS 4/24/42

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[Bulletin 282] ?

RESULTS OF SEED TESTS

Made July 1, 1933 to June 30, 1934

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This report contains the results of the inspection for the State Department of Agriculture of four hundred and twelve official samples collected throughout the State during the period from July 1, 1933 to June 30, 1934. Each of these samples was analyzed and the results mailed to the retail dealers concerned. In addition to these official samples, forty-nine private samples were analyzed, making a total of four hundred and sixty-one samples inspected.

The seed law does not prohibit the sale of poor seed but it does require that all seed be labelled to show its quality. The buyer is protected by observing the guarantee. The purpose of the seed inspection work is to determine, within reasonable limits, whether a sample of seed is as good as it is guaranteed to be. Samples found "below" must be remarked or removed from sale.

The attention of seed purchasers should be called to the fact that the germination figure is based on the pure seed present, and is a statement of the actual number of seeds in every hundred that are capable of growth. The actual value of a sample for production purposes cannot be greater than the product of the percentage of purity multiplied by the percentage of germination. For instance, in the case of a sample of unhulled Red Top, guaranteed 50 per cent purity and 90 per cent germination, the actual seeding value of the sample is .50 x .90, or 45 per cent (not 90% as might be assumed from looking at germination only). In other words, 45 per cent of the weight of that sample is live seed, the rest is inert matter or dead seeds. Likewise, in the case of a sample of Alsike Clover, guaranteed 91.15 per cent purity, and 87 per cent germination, the actual seeding value of the sample is .9115 x .87, or 79 per cent.

A certain amount of variation is to be expected in comparing the results of two or more purity analyses. For this reason a "tolerance" or difference is allowed between the average results of our tests and the guarantee in accordance with the following formula. The sample is considered as being made up of two parts, the one being the pure seed and the other the balance of the sample. The tolerance in per cent allowed for the larger part or pure seed is two-tenths of one per cent plus 20 per cent of the lesser part. For instance, if a sample is guaranteed 99.60 per cent pure seed, it may test as low as 99.32 per cent or as high as 99.88 per cent and would be "satisfactory". In the same way, a sample guaranteed 92.80 per cent may test as low as 91.17 per cent or as high as 94.43 per cent and be "satisfactory". If a sample is found to be better than the highest figure in the tolerance, it is marked "Above" in this bulletin; if lower than the lowest figure, the actual figure is reported.

A wider tolerance for germination than for purity is allowed between the results of the test and the gurantee, as follows:

Guarantee per cent	*Allowable variation per cent*
90 or over	6
80 or over but less than 90	7
70 or over but less than 80	8
60 or over but less than 70	9
Less than 60	10

Accordingly, a sample guaranteed 92 per cent germination is "satisfactory" if it tests 86 per cent to 98 per cent. A sample guaranteed 85 per cent may fall as low as 78 per cent or as high as 92 per cent. If a sample tests higher than the per cent of variation allowed it is marked "Above" in this bulletin or, if it tests below the variation allowed, the actual figure is reported.

The summary table on the last page will show the general results of the seed inspection work for the year ending June 30, 1934.

COMPARISON OF SEEDS FOR FIVE YEARS

	Number of Samples Tested	Below in Purity		Below in Germination	
		Number	Per cent	Number	Per cent
1930	375	51	13.6	74	19.7
1931	385	36	9.3	68	17.6
1932	357	23	6.4	46	12.8
1933	384	30	7.8	37	9.6
1934	412	22	5.3	62	15.0

It will be noted from the above tabulation that the percentage of samples below the guarantee as to purity is less this year than ever before, while the percentage below as to germination is higher than the last two years, principally on account of more samples of Red Top and Hungarian Millet falling below the allowable variation than usual.

SEED INSPECTION, 1934

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9034	Alfalfa (Grimm) ..... Eastern States Farmers' Exc., Manchester	S	99.34	S	83
9207	Alfalfa (Variegated) ..... Eastern States Farmers' Exc., Concord	S	99.40	S	80
9120	Alfalfa (Certified Grimm) ..... Farm Service Stores, Inc., Nashua	S	99.83	S	91
9306	Alfalfa (Grimm) ..... E. C. & W. L. Hopkins, Greenfield	S	99.72	S	87
9075	Alfalfa (Grimm, 27609) ..... Merrimack Farmers' Exc., Exeter	S	99.60	A	74
8995	Alfalfa (02789, Grimm) ..... Merrimack Farmers' Exc., Manchester	S	99.24	A	70
9275	Alfalfa (16676) ..... Nelson Warner Co., Charlestown	S	99.00	A	78
9127	Alfalfa (4777) ..... J. H. Seavey, Dover	S	99.57	S	89
9189	Alfalfa (B-179 Blue Ribbon Grimm) Sunshine Feed Store, Keene	S	99.60	A	80
9023	Alfalfa (Grimm, 27606) ..... John B. Varick Co., Manchester	S	99.06	S	83
9313	Alsike Clover (Imperator) ..... Abbott Grocery Co., Keene	95.16	96.37	S	76
9220	Alsike Clover (AAB 33-2) ..... Belknap County Farmers' Exc., Laconia	S	98.50	A	80
9256	Alsike Clover (33108, Matrix) ..... Chase Grain Mill, Plymouth	S	91.15	S	87
9155	Alsike Clover (21376, Pine Tree).. . Freeman Corson, Rochester	S	98.15	S	88
9401	Alsike Clover ..... G. H. Eames & Son, Keene	S	98	S	90
9036	Alsike Clover ..... Eastern States Farmers' Exc., Manchester	S	98.60	A	75
9107	Alsike Clover (Fancy) ..... Farm Service Stores, Inc., Nashua	S	98.62	A	80
9090	Alsike Clover (Fancy) ..... Farm Service Stores, Inc., Portsmouth	S	98.62	A	80
9231	Alsike Clover ..... Farmers' Grain Store, Ashland	S	99.20	S	90
9323	Alsike Clover (21533) ..... Farmers' Grain and Feed Store, Lancaster	S	98.80	S	94
9279	Alsike Clover (Pan American) ..... Hill Hardware & Paint Co., Nashua	S	97.80	A	77
9264	Alsike Clover (White Mtn., Extra Fancy) ..... Holbrook Grocery Co., Keene	S	98	S	92
9268	Alsike Clover (Special) ..... Holbrook Grocery Co., Keene	S	95	S	92

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9278	Alsike Clover (XX) ..... Holbrook Grocery Co., Keene	S	96	S	92
9309	Alsike Clover (21511, Pine Tree).... E. C. & W. L. Hopkins, Greenfield	S	99	A	86
9235	Alsike Clover (Pan American) ..... Hosmer Brothers, Tilton	S	98	S	84
9210	Alsike Clover (Pan American) ..... E. J. Keegan & Co., Franklin	S	98	65.5	90
9105	Alsike Clover (Pan American) ..... LeBlanc & Kashuline Co., Nashua	S	98.44	A	80
9098	Alsike Clover ..... Nashua Grain Co., Nashua	98.59	99.50	S	95
9122	Alsike Clover (Pan American) ..... F. W. Neal & Co., Dover	S	98.04	A	77
9271	Alsike Clover (6776, Liberty) ..... Nelson Warner Co., Charlestown	S	97.82	S	80
9218	Alsike Clover (21359, Pine Tree) H. C. Sanborn, Laconia	S	99	S	83
9130	Alsike Clover (6648, Liberty) ..... J. H. Seavey, Dover	S	98	S	83
9162	Alsike Clover ..... Strafford Co. Grain Mill, Rochester	S	98	S	90
9284	Alsike Clover (B-166, Blue Ribbon) Sunshine Feed Store, Keene	S	98.50	S	84
9054	Alsike Clover (21482, Ace) ..... Thompson & Hoague Co., Concord	S	94.45	S	85
9015	Alsike Clover (Pine Tree, 21500) John B. Varick Co., Manchester	S	98	S	95
9018	Alsike Clover (Pine Tree, 21-560) John B. Varick Co., Manchester	S	98	S	78
9078	Alsike Clover ..... B. W. Varrell Grain Co., Portsmouth	S	99	S	96
9338	Alsike Clover (21499, Pine Tree) Woodsville Grain Co., Woodsville	S	98.70	A	82
9331	Barley (71306-6 Row) ..... Colebrook Feed Co., Colebrook	S	99.59	S	97
9340	Barley (71-26-2 Row) ..... G. B. Currier Co., Colebrook	S	98.64	S	97
9350	Barley (6-Row) ..... The Depot Store, Littleton	S	98	S	90
9038	Barley (Selected) ..... Eastern States Farmers' Exc., Manchester	S	99.40	S	90
9251	Barley (6-Row) ..... Holbrook Grocery Co., Keene	S	99.02	S	96
9317	Barley (744, 6-Row) ..... E. C. & W. L. Hopkins, Greenfield	S	99	S	96
9352	Barley (6-Row, O & M Oderbrucker) Pike & Gale, Littleton	S	98	S	92
9132	Barley (4615, 6-Row) ..... J. H. Seavey, Dover	S	98	S	92
9008	Barley (White Hulless, 071706) .... John B. Varick Co., Manchester	93.86	98.24	S	88

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9025	Barley (Oderbrucker, 71-110) ..... John B. Varick Co., Manchester	S	98	S	90
9115	Bluegrass, Kentucky ..... The E. A. Cole Co., Hampton	S	83	69.5	85
9009	Bluegrass, Kentucky (32-14) ..... Manchester Hardware Co., Manchester	S	85	62.5	80
9058	Bluegrass, Kentucky (032411) ..... Merrimack Farmers' Exc., Derry	S	84.50	67	80
9146	Bluegrass, Kentucky (32-11) ..... J. H. Seavey, Dover	S	83.08	70	....
9065	Bluegrass, Kentucky (Fancy) ..... W. A. Young, Exeter	S	88	72	88
9050	Buckwheat (Silver Hull) ..... J. J. Moreau & Son, Manchester	S	98	S	95
9087	Buckwheat, Japanese ..... S. A. Schurman & Son, Portsmouth	S	99.72	S	94
9144	Buckwheat, Japanese (6240) ..... J. H. Seavey, Dover	S	99.89	S	95
9258	Canada Field Peas ..... Chase Grain Mill, Plymouth	S	99	S	90
9133	Canada Field Peas (4479) ..... J. H. Seavey, Dover	S	96	S	91
9002	Canada Field Peas (15328, Globe) John B. Varick Co., Manchester	S	99.50	S	90
9117	Millet, Golden ..... Farm Service Stores, Inc., Nashua	S	99.01	S	90
9084	Millet, Golden ..... S. A. Schurman & Son, Portsmouth	S	99.01	S	90
9312	Millet, Hungarian ..... Abbott Grocery Co., Keene	A	98.59	73	88
9370	Millet, Hungarian ..... G. H. Bemis, Walpole	S	98	S	89
9175	Millet, Hungarian (7192) ..... Mark B. Blaisdell, Wolfeboro	S	99	S	90
9188	Millet, Hungarian (47-51) ..... P. W. Bragg, Farmington	S	99.40	S	85
9246	Millet, Hungarian ..... O. A. Brown, Ashland	S	99.45	S	88
9289	Millet, Hungarian (04717) ..... W. A. Bryer, Peterborough	S	99.14	47.5	85
9345	Millet, Hungarian ..... G. F. Clement & Son, Lisbon	S	99	84	92
9299	Millet, Hungarian (J 62134) ..... Roy B. Cook, Winchester	A	99	S	90
9152	Millet, Hungarian (J 62333) ..... Freeman Corson, Rochester	A	99	S	85
9327	Millet, Hungarian (47-54) ..... G. B. Currier Co., Colebrook	A	99.28	S	84
9288	Millet, Hungarian (4291) ..... Derby Stores, Inc., Peterborough	S	99.56	79.5	90
9110	Millet, Hungarian ..... S. A. Dow & Son, No. Hampton	S	99	S	85

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9040	Millet, Hungarian Eastern States Farmers' Exc., Manchester	S	99.50	S	88
9204	Millet, Hungarian (33700, Fullwerth) Farmers' Grain Store, Ashland	S	99	63.5	84
8999	Millet, Hungarian Farm Service Stores, Inc., Manchester	S	98.98	S	72
9240	Millet, Hungarian (Fancy) Farm Service Stores, Inc., Milford	S	99.32	S	88
9324	Millet, Hungarian Farm Service Stores, Inc., Milford	S	99.66	76.5	88
9118	Millet, Hungarian Farm Service Stores, Inc., Nashua	S	99.60	S	96
9119	Millet, Hungarian Farm Service Stores, Inc., Nashua	S	99.66	58.5	88
9260	Millet, Hungarian Holbrook Grocery Co., Keene	S	98	S	89
9088	Millet, Hungarian (Fancy) Farm Service Stores, Inc., Portsmouth	S	99.32	S	88
9237	Millet, Hungarian E. J. Keegan & Co., Franklin	S	99.60	S	70
9341	Millet, Hungarian (XXX) Lewis Brothers, Lebanon	97.26	98.50	S	89
9192	Millet, Hungarian H. P. Maxfield, Pittsfield	98.89	99.58	S	85
9061	Millet, Hungarian (47163, Fancy) Merrimack Farmers' Exc., Derry	S	99.04	S	85
9044	Millet, Hungarian J. J. Moreau & Son, Manchester	80.95	99.66	81.5	90
9369	Millet, Hungarian J. H. Morrill, Laconia	S	99	S	85
9099	Millet, Hungarian (Choice) Nashua Grain Co., Nashua	S	99.60	S	96
9123	Millet, Hungarian F. W. Neal & Co., Dover	S	99.64	64	80
9276	Millet, Hungarian (5172) Nelson Warner Co., Charlestown	S	99.42	S	88
9244	Millet, Hungarian (4759) H. W. Noyes, Bristol	S	98.35	S	85
9366	Millet, Hungarian Pike & Gale, Littleton	S	99.58	S	85
9367	Millet, Hungarian (33700) W. N. Potter Grain Store, Inc., Winchester	S	99	S	84
9196	Millet, Hungarian Putney Store Co., Conway	A	99	S	85
9368	Millet, Hungarian Rand, Ball & King, Claremont	S	99	S	85

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SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9096	Millet, Hungarian ..... S. A. Schurman & Son, Portsmouth	A	99	S	85
9134	Millet, Hungarian (4759) ..... J. H. Seavey, Dover	S	98.21	S	91
9167	Millet, Hungarian ..... Strafford Co. Grain Mill, Rochester	S	99	S	96
9158	Millet, Hungarian (B-8, Blue Ribbon) ..... Sunshine Feed Store, Keene	S	99.38	S	90
9053	Millet, Hungarian (04776) ..... Thompson & Hoague Co., Concord	S	99.60	S	80
9004	Millet, Hungarian (47-53) ..... John B. Varick Co., Manchester	S	99.36	S	81
9063	Millet, Hungarian ..... W. A. Young, Exeter	S	99	81	96
9202	Millet, Japanese (44-113) ..... F. S. Allard & Co., Conway	S	98.76	87	96
9172	Millet, Japanese (7194 A) ..... Mark B. Blaisdell, Wolfeboro	A	97.50	S	90
9191	Millet, Japanese ..... P. W. Bragg, Farmington	S	99	S	94
9247	Millet, Japanese ..... W. B. Brown, Ashland	S	97.36	S	87
9328	Millet, Japanese (J-5-B-34) ..... G. F. Clement & Son, Lisbon	S	99.08	S	91
9380	Millet, Japanese (44-113) ..... G. F. Clement & Son, Lisbon	A	98.76	S	96
9300	Millet, Japanese (J-5-A-34) ..... Roy B. Cook, Winchester	S	99	S	92
9153	Millet, Japanese (J-5-C-30) ..... Freeman Corson, Rochester	A	95	S	85
9103	Millet, Japanese (Fancy) ..... S. A. Dow & Son, No. Hampton	96.05	97.37	72	94
9039	Millet, Japanese ..... Eastern States Farmers, Exc., Manchester	S	98.75	S	90
9234	Millet, Japanese (33702, Fullwerth) Farmers' Grain Store, Ashland	S	98.42	S	88
8992	Millet, Japanese (Fancy) ..... Farm Service Stores, Inc., Manchester	A	98.50	S	88
9383	Millet, Japanese (Fancy)..... Farm Service Stores, Inc., Milford	S	98.50	S	88
9166	Millet, Japanese ..... Farm Service Stores, Inc., Peterborough	97.53	99	70	90
9089	Millet, Japanese ..... Farm Service Stores, Inc., Portsmouth	S	98	S	90
9148	Millet, Japanese ..... E. C. Foss Company, Rochester	S	98.49	S	90
9074	Millet, Japanese ..... Hilliard & Kimball, Exeter	S	98	S	90

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9262	Millet, Japanese ..... Holbrook Grocery Co., Keene	S	99.07	S	87
9381	Millet, Japanese ..... Holbrook Grocery Co., Woodsville	S	99.07	S	87
9310	Millet, Japanese (44-112) ..... E. C. & W. L. Hopkins, Inc., Greenfield	S	98.72	S	91
9384	Millet, Japanese ..... Hopkins Bros., Belcher Co., Greenfield	S	98.49	S	90
9382	Millet, Japanese ..... E. J. Keegan & Co., Franklin	S	98.49	S	90
9060	Millet, Japanese (44-12) ..... Merrimack Farmers' Exc., Derry	S	98	S	90
9045	Millet, Japanese (Pan American). J. J. Moreau & Son, Manchester	S	98.49	S	90
9229	Millet, Japanese ..... J. H. Morrill, Laconia	97.19	98.23	S	90
9176	Millet, Japanese ..... Mt. Whittier Store, West Ossipee	A	98	S	93
9224	Millet, Japanese (Fancy) ..... Muzzey & Hopkins, Lakeport	S	97.81	72	82
9274	Millet, Japanese (4037) ..... Nelson Warner Co., Charlestown	S	97.86	76.5	85
9057	Millet, Japanese (44139) ..... W. O. Patten, Londonderry	S	98.77	S	90
9287	Millet, Japanese (33701) ..... W. N. Potter Grain Stores, Inc., Winchester	S	98.66	S	88
9385	Millet, Japanese ..... Rand, Ball & King Co., Claremont	S	98.46	S	90
9095	Millet, Japanese ..... S. A. Schurman & Son, Portsmouth	S	98.46	S	90
9140	Millet, Japanese (6099) ..... J. H. Seavey, Dover	A	98.66	S	88
9141	Millet, Japanese (5201) ..... J. H. Seavey, Dover	S	99.02	S	94.25
9347	Millet, Japanese (44-18) ..... F. B. Spaulding Co., Lancaster	S	99.30	S	85
9252	Millet, Japanese (44-12) ..... C. P. Stevens Co., Franklin	S	98.46	S	89
9165	Millet, Japanese ..... Strafford Co. Grain Mill, Rochester	A	98	A	85
9193	Millet, Japanese (15, Blue Ribbon) Sunshine Feed Store, Keene	96.19	97.40	S	90
9052	Millet, Japanese (44-14) ..... Thompson & Hoague Co., Concord.	S	99.02	S	91
9001	Millet, Japanese (44-15) ..... John B. Varick Co., Manchester	S	99.02	S	91
9183	Millet, Japanese ..... J. D. Willey & Son, Milton	A	98	S	88
9339	Millet, Japanese ..... Woodsville Grain Co., Woodsville	97.73	99	S	90

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9032	Mixture, Hayland No. 4 ..... Eastern States Farmers' Exc., Manchester	S	99.38	A	79
9031	Mixture, Hayland No. 3..... Eastern States Farmers' Exc., Manchester	S	99.14	S	85
9030	Mixture, Hayland No. 2..... Eastern States Farmers' Exc., Manchester	S	98.41	S	86
9029	Mixture, Hayland No. 1..... Eastern States Farmers' Exc., Manchester	S	99.63	S	85
9335	Oats (Selected) ..... Checkerboard Feed Store, West Lebanon	S	98.50	83	95
9171	Oats ..... F. W. Clark, Wilson	S	99	S	90
9113	Oats (Wirthmore, Fancy) ..... Dover Grain Co., Dover	S	98	S	95
9035	Oats (Ithacan) ..... Eastern States Farmers' Exc., Manchester	S	99.58	S	81
9068	Oats (Selected) ..... Eastern States Farmers' Exc., Manchester	S	98.50	S	85
9205	Oats (Hygrade, Fancy) ..... Farmers' Grain Store, Ashland	S	97	72	92
9242	Oats (Swedish Type) ..... Holbrook Grocery Co., Keene	S	99.30	S	94
9261	Oats (American Type) ..... Holbrook Grocery Co., Keene	S	98.60	S	97
9332	Oats (Good) ..... Holbrook Grocery Co., Woodsville	S	99.23	S	90
9215	Oats (Pennant Brand) ..... Hosmer Brothers, Tilton	S	99.50	S	98
9293	Oats (Swedish Select) ..... Merrimack Farmers' Exc., Inc., Goffstown	S	99	87.5	95
9294	Oats (Natural) ..... Merrimack Farmers' Exc., Inc., Goffstown	S	95	S	95
9047	Oats (Swedish Select) ..... J. J. Moreau & Son, Manchester	S	98	S	90
9277	Oats (White) ..... Newport Feed Store, Newport	S	98	S	92
9142	Oats (Fancy, 6717) ..... J. H. Seavey, Dover	S	98.70	S	93.50
9083	Oats ..... B. W. Varrell Grain Co., Portsmouth	S	99.50	S	98
9319	Rape ..... E. C. & W. L. Hopkins, Greenfield	S	99.08	S	95
9145	Rape (3576) ..... J. H. Seavey, Dover	S	98	S	88
9012	Rape (Dwarf Essex, 95-19) ..... John V. Varick Co., Manchester	S	99.84	S	96

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9157	Red Clover (Herald, Domestic) .... Abbott Grocery Co., Keene	A	98	S	90
9315	Red Clover (Herald) ..... Abbott Grocery Co., Keene	S	97.48	S	90
9222	Red Clover (AAB-665) ..... Belknap Co. Farmers' Exc., Laconia	S	99.56	S	87
9170	Red Clover ..... Mark B. Blaisdell, Wolfeboro	S	99	S	90
9190	Red Clover (Medium) ..... P. W. Bragg, Farmington	S	99	S	96
9249	Red Clover (White Mtn., Extra Fancy, Med.) ..... W. B. Brown, Ashland	S	99	S	94
9377	Red Clover (Pan American, Med.) W. B. Brown, Ashland	S	99.05	S	88
9255	Red Clover (Matrix, Med., 504)..... Chase Grain Mill, Plymouth	S	97.72	S	90
9269	Red Clover (Pine Tree, Med., 241136) ..... F. W. Clark, Wilton	S	99.42	S	88
9325	Red Clover (Med., 24-5145) ..... Colebrook Feed Co., Colebrook	S	99.15	S	92
9378	Red Clover (White Mtn., Extra Fancy, Med.) ..... Roy B. Cook, Winchester	S	99	S	94
9375	Red Clover (Liberty, Med., 6671).... Freeman Corson, Rochester	S	99.13	A	86
9137	Red Clover (Ace, Med., 024416) .... Dover Grain Co., Dover	S	99.50	S	84
9374	Red Clover ..... G. H. Eames & Son, Keene	S	97	S	92
9037	Red Clover (Medium) ..... Eastern States Farmers' Exc., Manchester	S	99.38	S	90
9241	Red Clover (Ace, Med., 24044) .... Farm Service Stores, Inc., Milford	S	98	S	94
9121	Red Clover (Domestic) ..... Farm Service Stores, Inc., Nashua	S	99.34	A	82
9228	Red Clover (Special) ..... Farm Service Stores, Inc., Peterborough	92.28	98	S	93
9150	Red Clover (Pan American, Med.) E. C. Foss Company, Rochester	S	99.51	A	81
9200	Red Clover (Special Medium) ..... Hammond Grain Store, East Jaffrey	S	95	S	92
9344	Red Clover (Domestic, Pan American) ..... C. M. Hildreth & Son, Lebanon	S	99.37	S	88
9280	Red Clover (Pan American) ..... Hill Hardware & Paint Co., Nashua	S	99.05	A	82

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9371	Red Clover (White Mtn., Fancy, Med.) ..... Holbrook Grocery Co., Keene	S	99	S	94
9330	Red Clover (Special) ..... Holbrook Grocery Co., Woodsville	S	95	S	85
9285	Red Clover (Special, Medium, 740) Hopkins Bros., Belcher Co., Greenfield	A	95	S	85
9305	Red Clover (Medium, 24-5127) .... E. C. & W. L. Hopkins, Greenfield	S	99.46	S	87
9211	Red Clover (Pan American) ..... E. J. Keegan & Co., Franklin	S	99	S	84
9236	Red Clover (Pan American)..... E. J. Keegan & Co., Franklin	S	99.05	S	88
9104	Red Clover (Pan American, Medium) ..... LeBlanc & Kashuline Co., Nashua	S	99.30	A	87
9372	Red Clover (Pan American) ..... C. W. Merrill & Son, Bristol	S	99.30	S	87
9069	Red Clover (Pine Tree, Medium, 241054) ..... Merrimack Farmers' Exc., Derry	S	99.30	A	84
9072	Red Clover (Pine Tree, Medium, 241136) ..... Merrimack Farmers' Exc., Exeter	S	99.42	S	88
8994	Red Clover (Pine Tree, Medium, 241028) ..... Merrimack Farmers' Exc., Manchester	S	99.04	S	87
9226	Red Clover (Pine Tree, 24-5146).... J. H. Morrill, Laconia	S	99.25	A	85
9177	Red Clover (Ace, Medium, 24-595) Mt. Whittier Store, West Ossipee	S	99	A	76
9109	Red Clover (Choice) ..... Nashua Grain Co., Nashua	S	99.50	S	95
9270	Red Clover (Liberty, Med., 6253).... Nelson Warner Co., Charlestown	S	99.50	A	83
9272	Red Clover (Liberty, Med., 6247).... Nelson Warner Co., Charlestown	S	99.12	S	90.50
9351	Red Clover (Domestic, Pan American, Med.) ..... Pike & Gale, Littleton	S	99.25	S	93
9302	Red Clover (Medium, 33311) ..... W. N. Potter Grain Stores, Inc., Winchester	95.83	98.08	S	92
9379	Red Clover (Medium) ..... A. L. Roberts, Conway	S	99.50	S	94
9376	Red Clover (Pan American) ..... H. C. Sanborn, Laconia	S	99	S	84
9082	Red Clover (Domestic, Pan American, Med.) ..... S. A. Schurman & Son, Portsmouth	S	99.30	A	87
9135	Red Clover (Liberty, Medium, 6671) J. H. Seavey, Dover	S	99.13	A	86

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9346	Red Clover (Ace, Medium, 24-5-145) ..... F. B. Spaulding Co., Lancaster	S	99.15	S	92
9253	Red Clover (Pan American) ..... C. P. Stevens Co., Franklin	S	99.42	S	94
9168	Red Clover ..... Strafford Co. Grain Mill, Rochester	A	97	S	92
9283	Red Clover (B-1287, Blue Ribbon, Med.) ..... Sunshine Feed Store, Keene	S	99.50	S	88
9322	Red Clover (B-1294, Medium) ..... Sunshine Feed Store, West Lebanon	S	95.71	S	86
9051	Red Clover (Ace, Medium, 241050). Thompson & Hoague Co., Concord	S	99.48	S	84
9180	Red Clover (Medium) ..... H. C. Tibbetts, Wakefield	S	99.50	S	94
9022	Red Clover (Pine Tree, 24-589) .... John B. Varick Co., Manchester	S	99.28	A	80
9024	Red Clover (Pine Tree, 241136) .... John B. Varick Co., Manchester	S	99.42	S	88
9026	Red Clover (Pine Tree, Med., 241051) ..... John B. Varick Co., Manchester	S	99	S	94
9079	Red Clover ..... B. W. Varrell Grain Co., Portsmouth	S	99	S	89
9373	Red Clover (Medium) ..... J. D. Willey & Son, Milton	S	99.50	S	95
9336	Red Clover (Pine Tree, Med., 241070) ..... Woodsville Grain Co., Woodsville	S	99.06	A	84
9295	Red Top (Imperator) ..... Abbott Grocery Co., Keene	S	90.90	78.5	90
9316	Red Top (Imperator) ..... Abbott Grocery Co., Keene	A	92.23	S	90
9221	Red Top (AAB-6) ..... Belknap Co. Farmers' Exc., Laconia	S	96.55	70.5	90
9296	Red Top ..... G. H. Bemis, Walpole	A	90	76	92
9362	Red Top (Fancy) ..... P. W. Bragg, Farmington	A	92	S	92
9248	Red Top (White Mtn., Extra Fancy) ..... W. B. Brown, Ashland	A	95	80	92
9219	Red Top (Pine Tree, 30240) ..... W. A. Bryer, Peterborough	S	95	S	90
9356	Red Top (Pine Tree, 30240) ..... F. W. Clark, Wilton	S	95	82	90
9116	Red Top (Fancy) ..... E. A. Cole Co., Hampton	S	95.86	S	86
9354	Red Top (Pine Tree, 30-433) ..... Colebrook Feed Co., Colebrook	S	92	S	94

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9156	Red Top (Fancy, 3494) ..... Freeman Corson, Rochester	S	92.30	S	85
9361	Red Top (Choice) ..... The County Hardware Store, Inc., Milford	S	95	72	90
9364	Red Top (Fancy) ..... The County Hardware Store, Inc., Milford	A	95	80	92
9185	Red Top ..... Derby Stores, Inc., Peterborough	68.34	85	S	90
9108	Red Top (Pan American) ..... S. A. Dow & Son, No. Hampton	S	92	82	90
9112	Red Top (Pan American) ..... S. A. Dow & Son, No. Hampton	S	95	S	90
9359	Red Top (Fancy, 30241) ..... W. E. Dunbar Sons, Manchester	A	92.80	S	90
9209	Red Top (Fancy) ..... G. H. Eames & Son, Keene	S	98	77	93
9033	Red Top (Fancy, Solid) ..... Eastern States Farmers' Exc., Manchester	S	97.80	S	95
9232	Red Top (Fullwerth, 33821) ..... Farmers' Grain Store, Ashland	S	90.55	79.5	90
9169	Red Top (Fancy) ..... Farm Service Stores, Inc., Dover	92.72	95	S	90
8997	Red Top (Fancy) ..... Farm Service Stores, Inc., Manchester	A	94.59	S	90
9106	Red Top (Fancy) ..... Farm Service Stores, Inc., Nashua	A	94.59	80.5	90
9286	Red Top (Choice) ..... Farm Service Stores, Inc., Peterborough	S	95	S	92
9091	Red Top (Fancy) ..... Farm Service Stores, Inc., Portsmouth	S	94.59	S	90
9353	Red Top (Pan American) ..... E. C. Foss Company, Rochester	90.23	93.57	74	90
9159	Red Top (Pine Tree, 30-412) ..... Goodnow Brothers Co., East Jaffrey	S	95.72	S	92
9365	Red Top (Fancy) ..... Hammond Grain Store, East Jaffrey	S	95	66	92
9073	Red Top (No. 1) ..... Hilliard & Kimball, Exeter	90.82	95.80	S	90
9265	Red Top (White Mtn., Extra Fancy) ..... Holbrook Grocery Co., Keene	S	95	S	90
9357	Red Top (Pan American) ..... Hopkins Bros., Belcher Co., Greenfield	A	92	70.5	90
9307	Red Top (Pine Tree, 375) ..... E. C. & W. L. Hopkins, Greenfield	S	95	S	91

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9213	Red Top (Pan American) ..... Hosmer Brothers, Tilton	S	93.49	80	90
9007	Red Top (Ace, Fancy, 30-414) ..... Manchester Hardware Co., Manchester	S	92.70	S	93
9010	Red Top (Ace, Fancy, 030485) ..... Manchester Hardware Co., Manchester	S	91.80	81	91
9363	Red Top (Pan American) ..... C. W. Merrill & Son, Bristol	S	93.57	77	90
8993	Red Top (Ace, Fancy, 30295) ..... Merrimack Farmers' Exc., Inc., Manchester	S	92	S	90
9043	Red Top (Pan American) ..... J. J. Moreau & Son, Manchester	S	93.33	S	90
9225	Red Top (Pine Tree, 30-453) ..... J. H. Morrill, Laconia	S	92	S	94
9178	Red Top (3046) ..... Mt. Whittier Store, West Ossipee	S	92.90	S	92
9101	Red Top (3070) ..... Nashua Grain Co., Nashua	S	93	S	90
9126	Red Top (Pan American, 2850) .... F. W. Neal & Co., Dover	S	93.57	S	90
9360	Red Top (Pan American) ..... F. W. Neal & Co., Dover	S	92	68	90
9355	Red Top (Fancy, 6784) ..... Nelson Warner Co., Charlestown	A	94	S	91
9273	Red Top (30-414) ..... H. W. Noyes, Bristol	S	92.40	S	89.50
9085	Red Top (Fancy) ..... S. S. Peavey Co., Inc., Portsmouth	S	95.64	S	90
9217	Red Top (Choice) ..... J. P. Pitman & Co., Laconia	S	95	S	90
9194	Red Top (Fancy, 6784) ..... Pittsfield Farmers' Exc., Pittsfield	A	94	S	91
9297	Red Top (Matrix, 33821) ..... W. N. Potter Grain Stores, Inc., Winchester	91.76	95.16	S	86
9197	Red Top ..... The Putney Store Co., Conway	S	90	S	90
9201	Red Top ..... A. L. Roberts, Conway	S	92	71	92
9080	Red Top (Pan American) ..... S. A. Schurman & Son, Portsmouth	S	93.33	S	90
9348	Red Top (Ace, 30-441) ..... F. B. Spaulding Co., Lancaster	S	94	S	91
9239	Red Top (Pan American) ..... C. P. Stevens Co., Franklin	S	92.73	S	90
9358	Red Top (Fancy No. 1) ..... Strafford Co. Grain Mill, Rochester	93.02	95.64	78	90
9223	Red Top (Blue Ribbon, 23) ..... Sunshine Feed Store, Keene	S	92	75.5	90

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9320	Red Top (23) ..... Sunshine Feed Store, West Lebanon	S	91.50	70	90
9282	Red Top (Fancy, 3392) ..... Alex Szymon, Claremont	A	90.55	S	85.75
9055	Red Top (Fancy, Ace, 30241) ..... Thompson & Hoague Co., Concord	A	92.80	S	90
9182	Red Top (Ace) ..... H. C. Tibbetts, Wakefield	S	91	S	90
9028	Red Top (Fancy, 30294) ..... John B. Varick Co., Manchester	S	95.90	S	90
9077	Red Top ..... B. W. Varrell Grain Co., Portsmouth	S	92	S	92
9186	Red Top (Fancy) ..... J. D. Willey & Son, Milton	A	95.30	S	92
9334	Red Top (Ace, Fancy, 30261) ..... Woodsville Grain Co., Woodsville	A	92.50	S	90
9066	Red Top (No. 1, Fancy) ..... W. A. Young, Exeter	S	90.70	S	90
9067	Red Top (Fancy, 3040) ..... W. A. Young, Exeter	S	95	S	92
9070	Red Top (No. 1) ..... W. A. Young, Exeter	S	95	S	90
9154	Rye (Rosen, 6497) ..... Freeman Corson, Rochester	S	96	S	85
9059	Rye, Spring (74180) ..... Merrimack Farmers' Exc., Inc., Derry	S	98.04	S	92
9311	Rye (Rosen) ..... Merrimack Farmers' Exc., Inc., Goffstown	S	97	73.5	95
9049	Rye, Spring ..... J. J. Moreau & Son, Manchester	S	97.40	S	90
9243	Rye, Spring (74-120) ..... C. P. Stevens Co., Franklin	S	98	87	97
9062	Rye, Winter (Rosen) ..... Thompson & Hoague Co., Concord	S	98	S	85
9011	Rye, Spring (74-17) ..... John B. Varick Co., Manchester	S	96	S	92
9257	Soy Beans (Black Wilson, 6704) .... Chase Grain Mill, Plymouth	S	98	68	96
9259	Soy Beans (Manchu, 4749) ..... Chase Grain Mill, Plymouth	S	98	65.5	90
9263	Soy Beans (Manchu, 83-77) ..... Holbrook Grocery Co., Keene	S	99.50	59.5	90
9314	Soy Beans (Wilson, 83-710) ..... E. C. & W. L. Hopkins, Greenfield	S	98.60	S	86
9163	Soy Beans (Black Wilson) ..... Strafford Co. Grain Mill, Rochester	S	99.20	85.5	94
8998	Soy Beans (Wilson, 83-79) ..... John B. Varick Co., Manchester	S	99.14	72	89
9013	Soy Beans (Manchu, 83-74) ..... John B. Varick Co., Manchester	S	99.50	48.5	90

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9206	Sweet Clover (White Blossom) ..... Eastern States Farmers' Exc., Concord	S	99.25	S	85
9139	Sweet Clover (White Blossom) ..... Holbrook Grocery Co., Keene	S	98	S	90
9304	Sweet Clover (25-17) ..... E. C. & W. L. Hopkins, Greenfield	S	99.62	S	85
9076	Sweet Clover (White Blossom, 25127) ..... Merrimack Farmers' Exc., Exeter	S	99	57.5	83
9129	Sweet Clover (6619) ..... J. H. Seavey, Dover	S	99.66	S	78.25
9005	Sweet Clover (White, Pine Tree, 25-11) ..... John B. Varick Co., Manchester	S	99.62	S	82
9292	Timothy (Herald) ..... Abbott Grocery Co., Keene	A	98	S	90
9203	Timothy ..... F. S. Allard & Co., Conway	A	98	S	93
9151	Timothy (Pine Tree) ..... Ayers & Jenkins, Rochester	S	99.60	S	94
9398	Timothy (Special) ..... G. H. Bemis, Walpole	A	97	69.5	90
9173	Timothy (Bison, 68542) ..... Mark B. Blaisdell, Wolfeboro	S	98.20	S	92
9174	Timothy (2009-A) ..... Mark B. Blaisdell, Wolfeboro	S	99	S	90
9388	Timothy (Bison, 68542) ..... P. W. Bragg, Farmington	A	98.20	S	92
9395	Timothy (Pan American) ..... W. B. Brown, Ashland	S	99.60	S	90
9397	Timothy (Pine Tree, 066560) ..... W. A. Bryer, Peterborough	S	99.60	70	94
9387	Timothy (Liberty, 66570) ..... Freeman Corson, Rochester	S	99.60	S	93.50
9386	Timothy (Matrix, 33538) ..... Chase Grain Mill, Plymouth	97.92	99.67	S	90
9136	Timothy (Frontier) ..... Checkerboard Feed Store, Dover	S	98	S	90
9114	Timothy ..... E. A. Cole Co., Hampton	A	98	42	92
9301	Timothy (White Mtn., Extra Fancy, 68782) ..... Roy B. Cook, Winchester	S	99.65	S	95
9149	Timothy ..... County Hardware Store, Inc., Milford	S	99.70	S	94
9187	Timothy (Choice) ..... County Hardware Store, Inc., Milford	A	99	S	93
9326	Timothy (Pine Tree, 66-548) ..... G. B. Currier Co., Colebrook	S	99.60	S	92
9349	Timothy (Gold Medal) ..... The Depot Store, Littleton	S	99.75	84.5	92
9138	Timothy (Pine Tree, 68516) ..... Dover Grain Co., Dover	S	99.70	S	94

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9100	Timothy (Pan American) ..... S. A. Dow & Son, No. Hampton	S	99.60	S	90
9394	Timothy (Bay State) ..... G. H. Eames & Son, Keene	S	99.60	S	94
9041	Timothy ..... Eastern States Farmers' Exc., Manchester	S	99.50	S	90
9233	Timothy (Matrix, 33538) ..... Farmers' Grain Store, Ashland	97.99	99.67	S	90
9391	Timothy (Fancy) ..... Farm Service Stores, Inc., Dover	S	99.60	S	90
8996	Timothy (Fancy) ..... Farm Service Stores, Inc., Manchester	S	99.60	S	90
9006	Timothy (Choice) ..... Farm Service Stores, Inc., Manchester	S	98	S	90
9092	Timothy (Fancy) ..... Farm Service Stores, Inc., Portsmouth	S	99.60	S	90
9396	Timothy (Pan American) ..... E. C. Foss Co., Rochester	S	99.60	S	90
9400	Timothy (Fancy) ..... Hammond Grain Store, East Jaffrey	S	99.60	S	90
9250	Timothy (Gem) ..... Hill Hardware & Paint Co., Nashua	A	98	S	92
9064	Timothy (Pine Tree) ..... Hilliard & Kimball, Exeter	S	99.70	S	94
9266	Timothy (White Mtn., Extra Fancy) Holbrook Grocery Co., Keene	S	99.65	S	94
9267	Timothy (Special, 69100) ..... Holbrook Grocery Co., Keene	A	97	66.5	90
9329	Timothy (1115) ..... Holbrook Grocery Co., Woodsville	S	99.65	90	....
9308	Timothy (Pine Tree, 66-512) ..... E. C. & W. L. Hopkins, Greenfield	S	99.60	S	92
9389	Timothy (Pan American) ..... Hosmer Brothers, Tilton	S	99.60	S	90
9102	Timothy (Pan American) ..... LeBlanc & Kashuline Co., Nashua	S	99.60	S	90
9342	Timothy (322-AA) ..... Lewis Brothers, Lebanon	S	99.60	S	90
9343	Timothy (B 198 AA) ..... Lewis Brothers, Lebanon	S	99.68	S	92
9393	Timothy (Pan American) ..... H. P. Maxfield, Pittsfield	S	99.60	82	90
9392	Timothy (Pan American) ..... C. W. Merrill & Son, Bristol	S	99.60	S	90
9390	Timothy (Pine Tree, 68400) ..... Merrimack Farmers' Exc., Goffstown	S	99.65	S	94
8991	Timothy (Pine Tree, 68839) ..... Merrimack Farmers' Exc., Manchester	S	99.65	S	94

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9042	Timothy (Pan American) ..... J. J. Moreau & Son, Manchester	S	99.60	S	90
9227	Timothy (Pine Tree, 66-577) ..... J. H. Morrill, Laconia	S	99.60	S	92
9179	Timothy ..... Mt. Whittier Store, West Ossipee	A	98	S	93
9399	Timothy (Pan American) ..... Muzzey & Hopkins, Lakeport	S	99.60	S	90
9111	Timothy (Bay State) ..... Nashua Grain Co., Nashua	S	99.70	S	94
9124	Timothy (Pan American) ..... F. W. Neal & Co., Dover	S	99.60	S	90
9281	Timothy (Liberty, 5040) ..... Nelson Warner Co., Charlestown	S	99.68	S	90
9245	Timothy (Pine Tree, 68207) ..... H. W. Noyes, Bristol	S	99.65	S	95
9086	Timothy ..... S. S. Peavey Co., Inc., Portsmouth	A	99	S	93
9216	Timothy ..... J. P. Pitman & Co., Laconia	S	99	S	92
9195	Timothy (Liberty, 4990) ..... Pittsfield Farmers' Exc., Pittsfield	S	99.65	S	93.50
9298	Timothy (Matrix, 33534) ..... W. N. Potter Grain Store, Inc., Winchester	S	99.65	S	92
9198	Timothy ..... The Putney Store Co., Conway	A	98	S	95
9199	Timothy (Pine Tree, 68446) ..... A. L. Roberts, Conway	S	98.25	S	92
9093	Timothy (Pan American) ..... S. A. Schurman & Son, Portsmouth	S	99.60	S	90
9094	Timothy (Pan American) ..... S. A. Schurman & Son, Portsmouth	S	99.60	S	90
9128	Timothy (Liberty, 6650) ..... J. H. Seavey, Dover	S	99.60	S	93.50
9238	Timothy (Liberty, 6538) ..... C. P. Stevens Co., Franklin	S	99.60	S	92
9164	Timothy (Gem) ..... Strafford Co. Grain Mill, Rochester	A	98	S	92
9125	Timothy (AAB 198) ..... Sunshine Feed Store, Keene	S	99.68	S	92
9214	Timothy (Blue Ribbon, B-475) ..... Sunshine Feed Store, Keene	S	99.60	S	92
9056	Timothy (Pine Tree, 68874) ..... Thompson & Hoague Co., Concord	S	99.60	S	94
9181	Timothy ..... H. C. Tibbetts, Wakefield	S	98	S	92
9003	Timothy (Pine Tree, 68874) ..... John B. Varick Co., Manchester	S	99.60	S	94

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9019	Timothy (Pine Tree, 66-550) ..... John B. Varick Co., Manchester	S	99.60	S	94
9020	Timothy (Pine Tree, 066560) ..... John B. Varick Co., Manchester	S	99.60	S	94
9081	Timothy ..... B. W. Varrell Grain Co., Portsmouth	S	98	S	95
9184	Timothy (Bay State) ..... J. D. Willey & Son, Milton	S	99.60	S	94
9337	Timothy (Pine Tree, 68970) ..... Woodsville Grain Co., Woodsville	S	99.60	S	94
9071	Timothy (Pine Tree, 68459) ..... W. A. Young, Exeter	S	99.70	S	94
9318	Vetch, Winter (3187) ..... E. C. & W. L. Hopkins, Greenfield	S	99	S	81
9254	Vetch (99150) ..... Merrimack Farmers' Exc., Inc., Peterborough	S	99.80	A	85
9230	Vetch (Hairy) ..... J. H. Morrill, Laconia	S	99.76	A	76
9143	Vetch, Winter (3535) ..... J. H. Seavey, Dover	S	98	S	90
9147	Vetch, Spring (2327) ..... J. H. Seavey, Dover	S	98	S	94
9000	Vetch (Hairy, 99150) ..... John B. Varick Co., Manchester	S	99.85	S	88
9021	Vetch, Winter (4639) ..... John B. Varick Co., Manchester	S	99	64	88
9161	Wheat (6500) ..... Freeman Corson, Rochester	S	99.50	S	92
9290	Wheat, Spring (75-210) ..... Hopkins Bros., Belcher Co., Greenfield	S	99	S	90
9303	Wheat, Winter (White) ..... E. C. & W. L. Hopkins, Greenfield	S	99	S	92
9048	Wheat, Spring ..... J. J. Moreau & Son, Manchester	S	98	S	90
9046	White Clover ..... J. J. Moreau & Son, Manchester	S	97.60	A	76
9212	White Clover (Choice) ..... Muzzey & Hopkins, Lakeport	94.13	97.33	S	79
9097	White Clover ..... S. A. Schurman & Son, Portsmouth	S	97.60	S	85
9131	White Clover (Fancy, 4419) ..... J. H. Seavey, Dover	S	98.12	S	84
9017	White Clover (26-412) ..... John B. Varick Co., Manchester	S	98.80	S	87
	Miscellaneous				
9027	Chewings Fescue (034186) ..... John B. Varick Co., Manchester	S	98.80	S	89
9016	Creeping Bent Grass (Seaside, 34-96) ..... John B. Varick Co., Manchester	S	99	47.5	90

A=Above S=Satisfactory

SEED INSPECTION, 1934—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
9208	Ladino Clover ..... Eastern States Farmers' Exc., Concord	S	99.20	A	40
9333	Mammoth Clover (XX) ..... Holbrook Grocery Co., Woodsville	S	95	S	92
9321	Mammoth Clover (Blue Ribbon, B 1271) ..... Sunshine Feed Store, West Lebanon	S	99.50	S	88
9014	Rye Grass (Domestic, 38-32) ..... John B. Varick Co., Manchester	S	99.53	S	92
9291	Sudan Grass (98-810) ..... E. C. & W. L. Hopkins, Greenfield	S	97.71	S	88
9160	Sudan Grass ..... Strafford Co. Grain Mill. Rochester	S	97	S	85
9402	Timothy & Alsike Clover (Beautiful, S8647) ..... Holbrook Crovery Co., Woodsville	S	92	91.5	....

A=Above S=Satisfactory

SUMMARY TABLE

Showing General Results of Seed Inspection Work
for the year ending June 30, 1934

	Number of Samples	Purity Compared to Guarantee			Germination Compared to Guarantee			No Guarantee
		Above	Satisfactory	Below	Above	Satisfactory	Below	
Alfalfa	10	0	10	0	4	6	0	0
Alsike Clover	30	0	28	2	9	20	1	0
Barley	10	0	9	1	0	10	0	0
Bluegrass, Kentucky	5	0	5	0	0	0	4	1
Buckwheat	3	0	3	0	0	3	0	0
Canada Field Peas	3	0	3	0	0	3	0	0
Millet, Golden	2	0	2	0	0	2	0	0
Millet, Hungarian	42	6	33	3	0	32	10	0
Millet, Japanese	42	8	29	5	1	36	5	0
Mixture, Hayland	4	0	4	0	1	3	0	0
Oats	16	0	16	0	0	13	3	0
Rape	3	0	3	0	0	3	0	0
Red Clover	57	3	52	2	13	44	0	0
Red Top	67	15	46	6	0	45	22	0
Rye	7	0	7	0	0	5	2	0
Soy Beans	7	0	7	0	0	1	6	0
Sweet Clover	6	0	6	0	0	5	1	0
Timothy	73	12	59	2	0	66	6	1
Vetch	7	0	7	0	2	4	1	0
Wheat	4	0	4	0	0	4	0	0
White Clover	5	0	4	1	1	4	0	0
Miscellaneous	9	0	9	0	1	6	1	1
Total	412	44	346	22	32	315	62	3

PAS
630.72
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